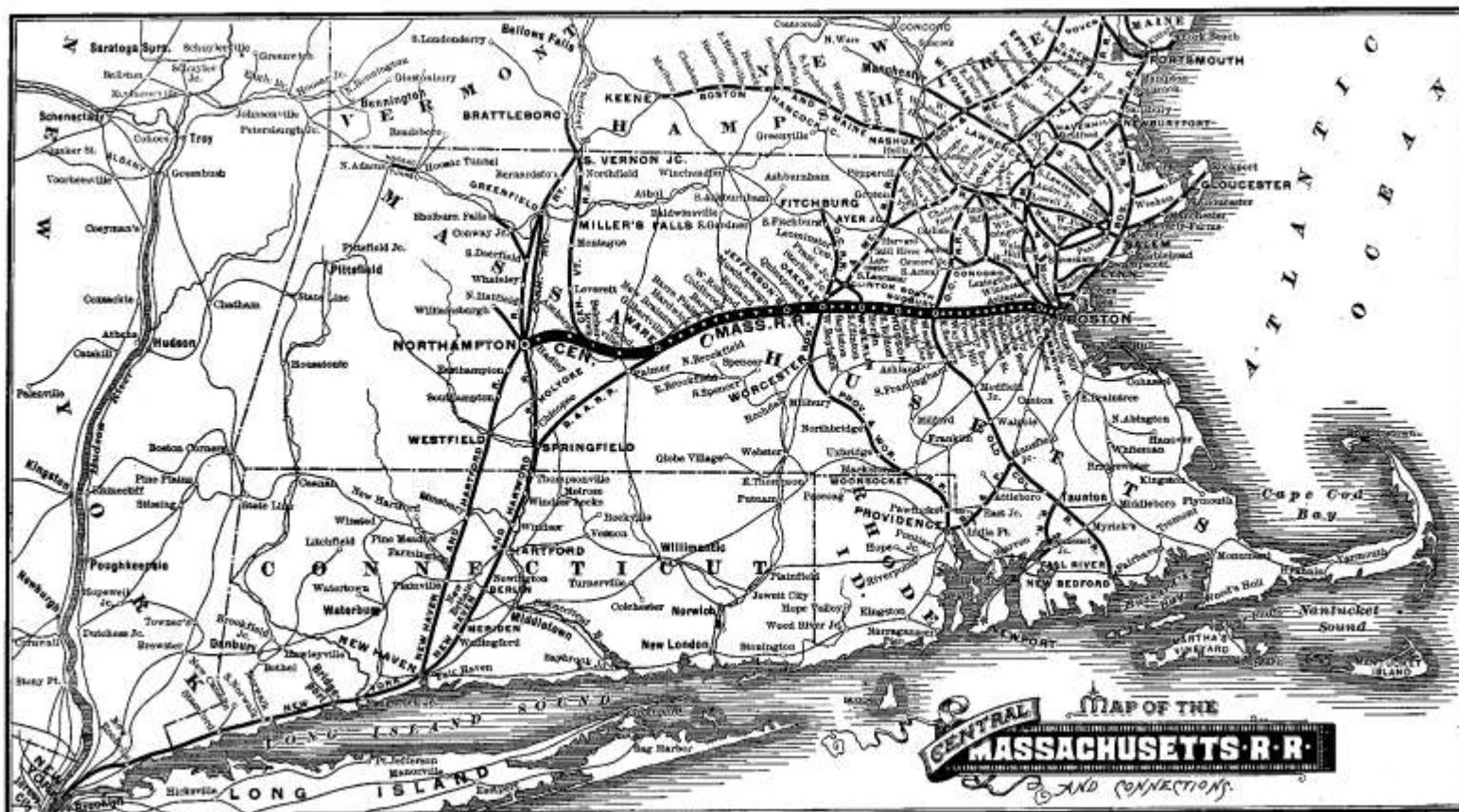


MASS CENTRAL RAIL TRAIL

Update and Status

2013 Massachusetts Trails Conference



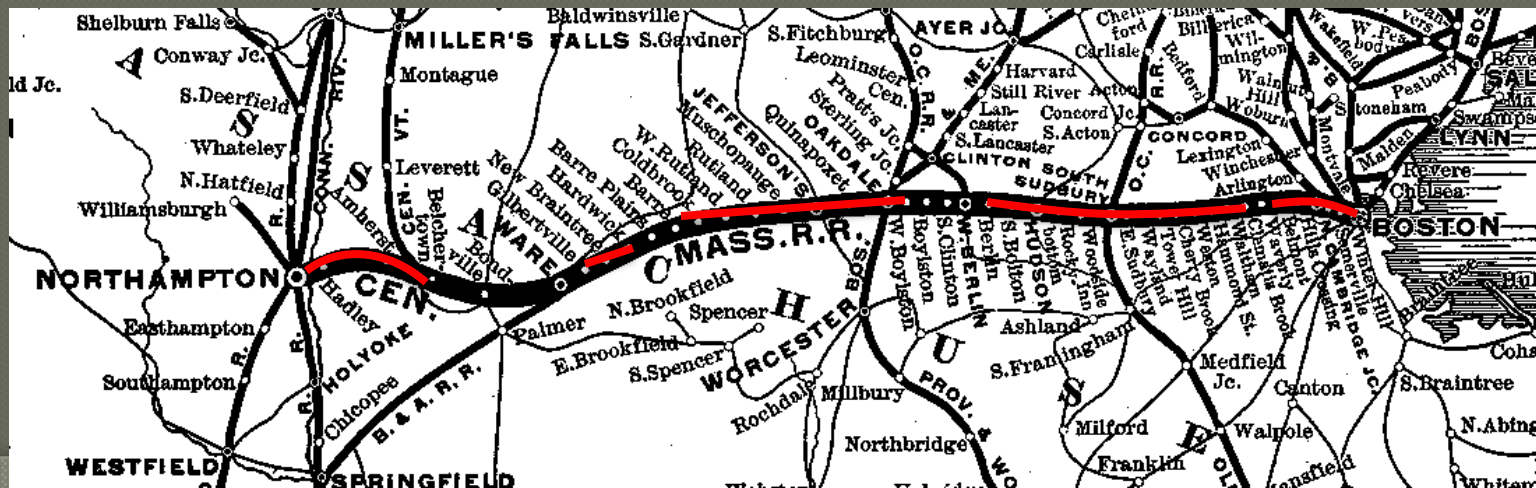
dc
Massachusetts



Update

Mass Central Rail Trail

- Norwottuck Branch (Northampton to Belchertown)
- East Quabbin (Hardwick and New Braintree)
- Wachusett Greenways (Barre to Sterling)
- Wayside Branch (Berlin to Waltham)
- Community Path (Belmont to Boston)



NORWOTTUCK BRANCH



Connecticut River Bridge, Northampton, Mass

Is this the one you wanted?

Copyright 1906 by Edgar T. Scott.

dcr
Massachusetts



NORWOTTUCK BRANCH



dcr
Massachusetts



NORWOTTUCK BRANCH

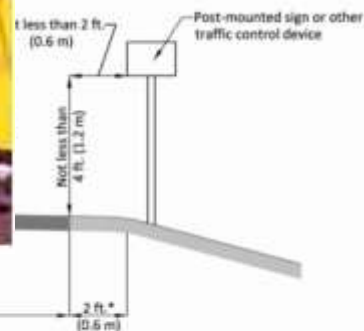


dcr
Massachusetts



NORWOTTUCK BRANCH Reconstruction

EXPANDED ENVIRONMENTAL NOTIFICATION FORM



*6:1 Maximum Slope (typ.)

** More if necessary to meet anticipated volumes and mix of users, per the Shared Use Path Level of Service Calculator (4)

NORWOTTUCK BRANCH Reconstruction



dcr
Massachusetts



NORWOTTUCK BRANCH Reconstruction



dcr
Massachusetts

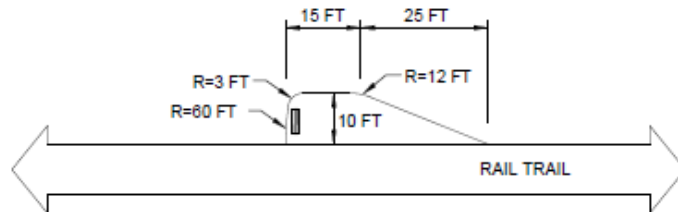


[illegible]

NORWOTTUCK BRANCH Reconstruction

DESCRIPTION

- PULL-OFF AREA WITH BENCH
- LOCATED AT ROAD CROSSINGS
- POLYMER ENHANCED AGGREGATE SURFACE



CATCH-UP / TURN AROUND AREA

SCALE: 1" = 20'-0"

STA 51+25 RT STA 66+75 RT

STA 79+50 LT

STA 93+50 RT

STA 97+25 LT

STA 115+00 RT

STA 116+75 LT

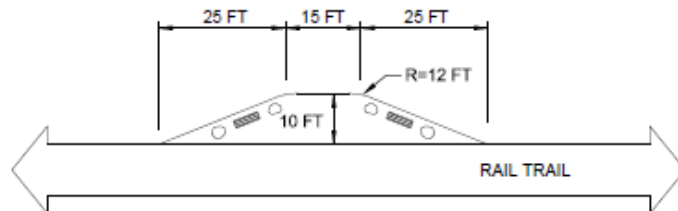
STA 137+50 LT

STA 223+10 RT

STA 396+50 RT

DESCRIPTION

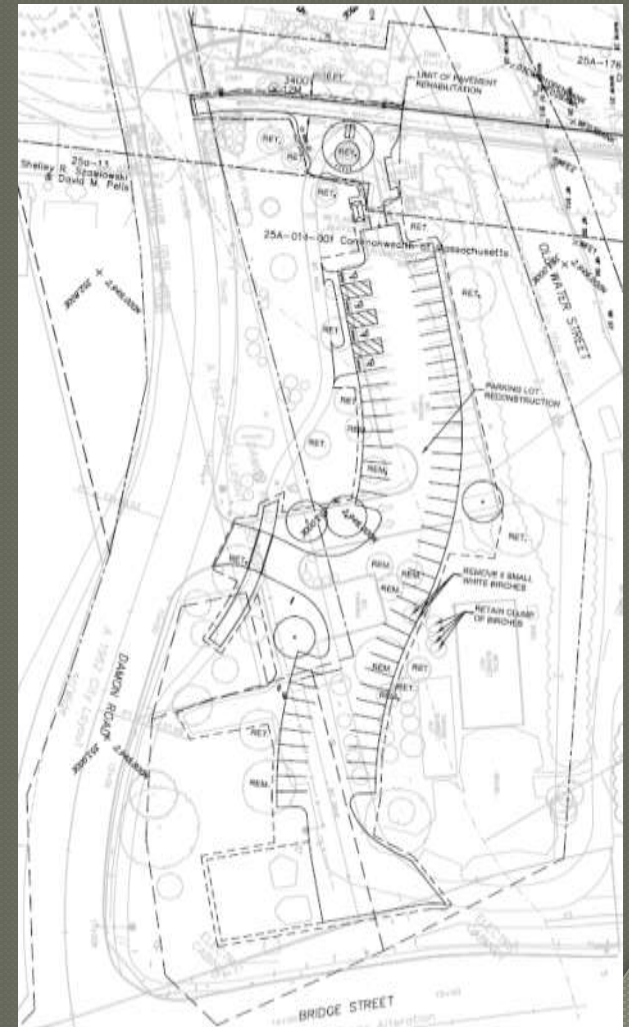
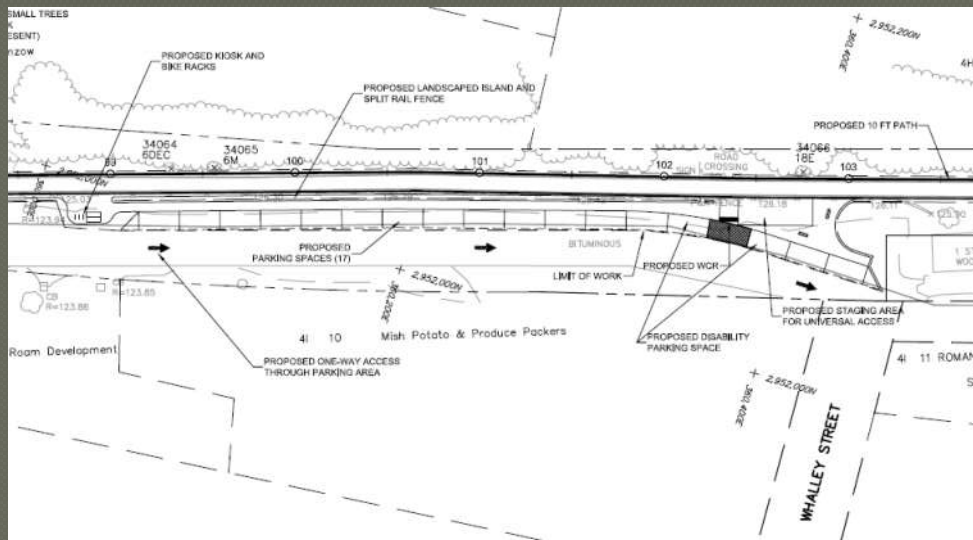
- PULL-OFF AREA
- TWO BENCHES
- (3) DECORATIVE BOULDERS
- (1) INTERPRETIVE BOULDER
- LOCATED MID-BLOCK
- POLYMER ENHANCED AGGREGATE SURFACE

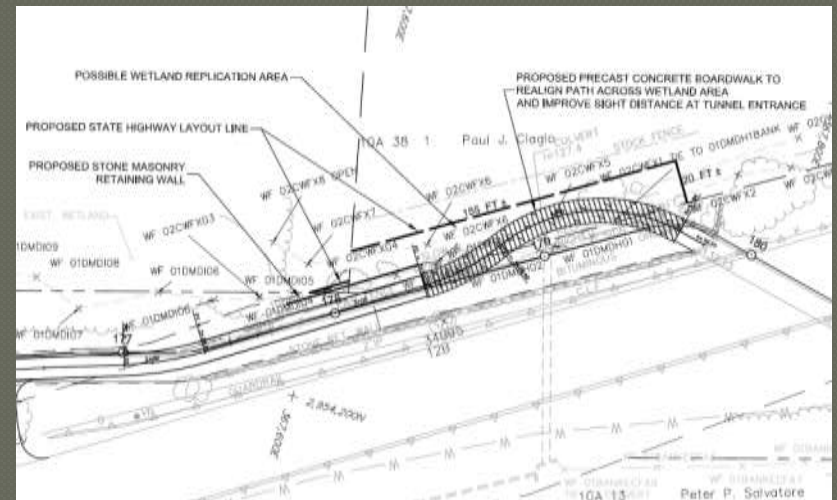


TURN AROUND AREA

SCALE: 1" = 20'-0"

NORWOTTUCK BRANCH Reconstruction





NORTHAMPTON - HADLEY - AMHERST
NORMOTTUCK RAIL TRAIL REHABILITATION

STATE	FED. AC PROJ. NO.	SHEET NO.	TOTAL SHEETS
MA	-	12	105
PROJECT FILE NO.		000000	

CONSTRUCTION DETAILS



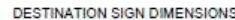
SCALE 2" = 1'-0"



SCALE 3/4" = 1'-0"



SCALE 3/4" = 1'-0"



SCALE 2 • 1



SCALE MEET

- NOTES**
1. SEE "SIGN SUMMARY SHEET" FOR TEXT AND COLOR.
 2. SIGNS SHALL BE INSTALLED AS SHOWN TO "STAGGER" THE DIRECTIONAL ARROWS STARTING WITH THE CLOSEST DISTANCE AT THE TOP.
 3. SEE SPECIAL PROVISIONS FOR POST AND HARDWARE SPECIFICATIONS.

NORWOTTUCK BRANCH Reconstruction



East Quabbin – New Braintree and Hardwick

East Quabbin Land Trust

- Opened a two-mile section of trail
- Work to repair Three Bridges
- Including repairs to an historic lattice truss Bridge over the Ware River
- Next two seasons, working to open the next mile including repairs to a pony truss bridge

East Quabbin – New Braintree and Hardwick



Wayside Branch Berlin to Waltham



Mass Central Rail Trail - Waltham to Berlin Section

Legend

- MA Towns. Solid Outline
- Major Roads**
- Road Classification**
- Limited Access Highway
- Multi-lane Hwy, not limited access
- Other Numbered Highway
- Bay Circuit Trail
- Bruce Freeman RT
- Assabet River RT
- MCRT - MBTA Corridor



For planning purposes only
Data from MassGIS, DCR, EOT Val Maps,

Berlin



Hudson



Sudbury



Wayland



Weston



Waltham



Environmental Site Assessments

- DCR with GEC conducted a Phase One ESA of the entire corridor in 2009
- Pre-acquisition report further investigated 19 sites of potential concern
- Soil sampling program conducted investigations at specific sites.
- Two sites identified concerns

Infrastructure

● Bridges

- 10 Extant Bridges
 - 5 timber pile, 3 plate girder, 1 thru lattice truss, 1 riveted lattice truss
 - 5 recommended National Register Eligible
- 4 Missing Bridges

● 4 Extant Underpasses

- 4 filled underpasses
- 1 recommended NR Eligible

● Culverts

- As many as 69 culverts and cattle passes shown on Val maps
- 1 recommended NR Eligible

Waltham, Linden St, WLT_901



1894, Riveted Lattice Thru Truss

Listed on the State Register of Historic Places, Recommended NR eligible

Waltham, 128 Bridge, WLT_918



1960 2 span Thru Plate Girder
Recommended NOT NR eligible

Bridge over active rail, WSN_904



1896 Thru Lattice Truss
Recommended NR Eligible

Church St, Weston, Underpass WSN_945



Concrete underpass
Recommended NR Eligible by VHB

Great Meadows WL Refuge, Bridge



© 2008 Pictometry

118' Timber Pile Trestle at
Wildlife Refuge
Recommended NOT NR
Eligible



#128, Hop Brook, Sudbury, SUD_900



Facing N

1881, Plate Girder bridge
Recommended NR eligible

Assabet River bridge, Hudson



9 bent, timber pile trestle, 1931
Recommended Not NR eligible



Tower St, missing bridge, Hudson



495 Underpasses



2 underpasses



Culverts



As many as 59
Culverts shown
on Val maps
As many as 10
Cattle Passes
1 Recommended
NR Eligible
(photo left)



At-grade Crossings

- 42 At grade crossings. Includes:
 - 2 diveways (farm crossings)
 - 3 industrial crossings, 2 not shown on Val Maps



At-grade Crossings

Central St, Hudson



Old Sudbury and Concord Rd, Wayland

Licenses and Encroachments

MCRT

DCR - MBTA Lease Area - Corridor Encroachments



0.0035070.0140.0210.028
Miles

For planning purposes only.
Data from MassGIS, DCR, EOT Val Maps.



Licenses and Encroachments



MCRT - MBTA Lease Area - Corridor Encroachments

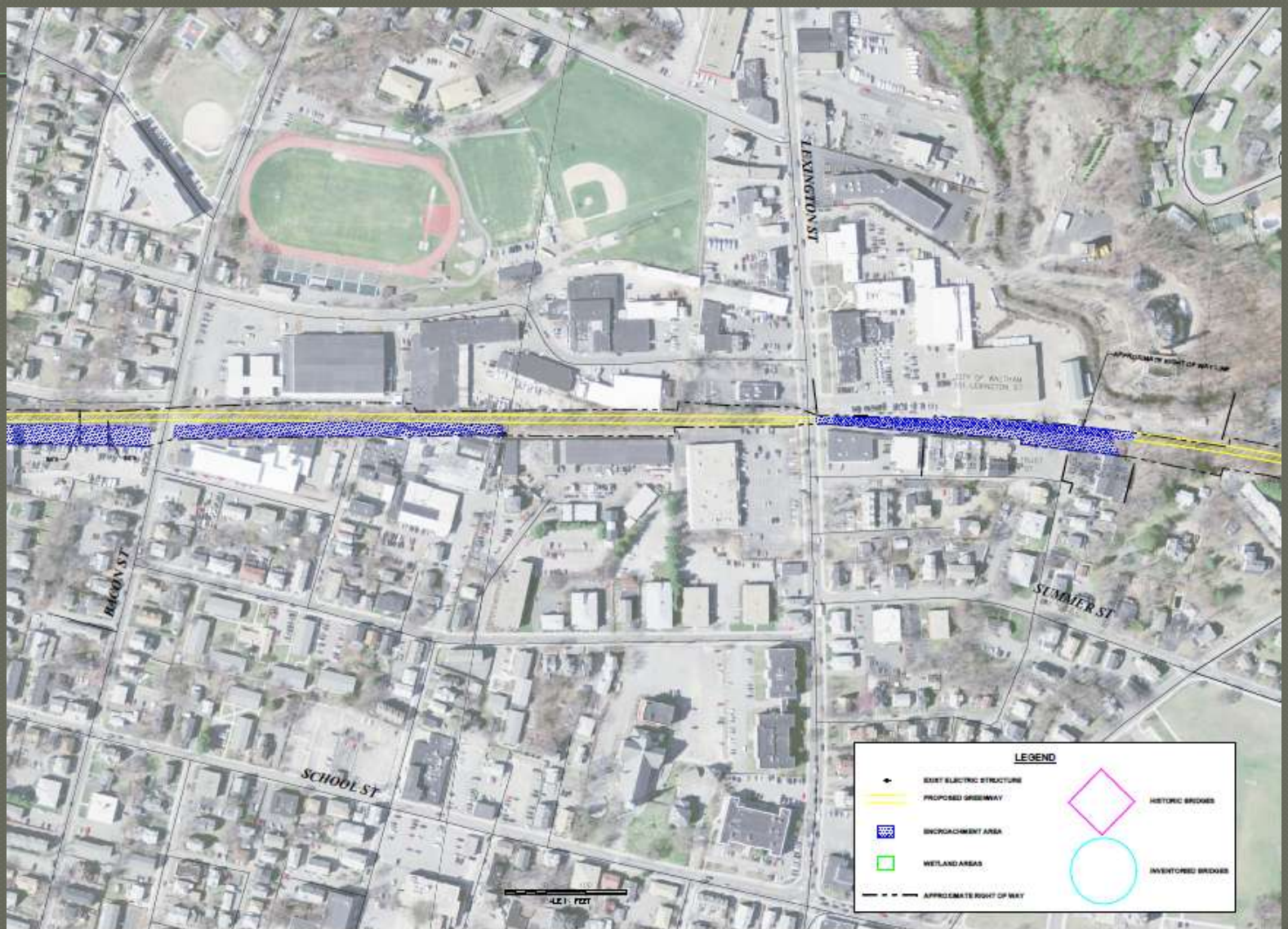


0 0.0125 0.05 0.075 0.1 Miles

For planning purposes only.
Data from MassGIS, DCR, EOT Val Maps.

- We have delineated and mapped
 - A 19-foot path development corridor for the entire length of the lease area
 - Identified Infrastructure
 - Identified and mapped encroachments
 - Identified potential wetland and habitat areas
 - Identified historic and cultural sites / issues

Corridor



Next Steps

- Currently, contracting to complete aerial mapping of the entire corridor, funded through a \$75,000 RTP grant
- Completing base mapping
- Preparing and file EENF for project
- Completed an assessment of bridges and cost estimates

Complete the Community Path!

The missing link in the regional network

- Existing and Funded Paths
- Community Path (No Funding)
- Community Path (Partial Funding)

Route 18
Green Line
Extension

Medford Hillside Tufts

Ball Square

Lowell Street

Gilman Square

Community Path
Extension

Washington Street

Union Square

Lechmere

0 0.25 0.5 1 Miles

REGIONAL MAP

